## **PATENT COOPERATION TREATY**

# **PCT**

## **INTERNATIONAL SEARCH REPORT**

(PCT Article 18 and Rules 43 and 44)

| Applicant's or agent's file reference  | FOR FURTHER  |                | see Form PCT/ISA/220  |  |  |  |  |  |
|--|--|----------------|---|--|--|--|--|--|
| P35750P0-497   | ACTION   |                | as, where applicable, item 5 below.   |  |  |  |  |  |
| International application No.  | International filing date (day/mont  | h/year)        | (Earliest) Priority Date (day/month/year)   |  |  |  |  |  |
| PCT/JP2004/016507  | 01/11/2004   |                | 04/11/2003  |  |  |  |  |  |
| Applicant  |  |                |   |  |  |  |  |  |
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| MATSUSHITA ELECTRIC INDUST   | TRIAL CO., LTD.  |                |   |  |  |  |  |  |
| This International Search Report has been according to Article 18. A copy is being tra                                 | n prepared by this International Sea<br>ansmitted to the International Burea | rching Auth    | nority and is transmitted to the applicant  |  |  |  |  |  |
| This International Search Report consists  | of a total ofsh  | eets.          |   |  |  |  |  |  |
| X It is also accompanied by  | a copy of each prior art document o  | cited in this  | report.   |  |  |  |  |  |
| Basis of the report  |  |                |   |  |  |  |  |  |
| a. With regard to the language, the language in which it was filed, unl  | international search was carried out<br>ess otherwise indicated under this i | on the bastem. | sis of the international application in the   |  |  |  |  |  |
| The international this Authority (Rul  |  | of a transla   | ation of the international application furnished to   |  |  |  |  |  |
| b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I. |  |                |   |  |  |  |  |  |
| 2. Certain claims were fou   | nd unsearchable (See Box II).  |                |   |  |  |  |  |  |
|  |  |                |   |  |  |  |  |  |
| 3. Unity of invention is lack  | king (see Box III).  |                |   |  |  |  |  |  |
| 4. With regard to the title,   |  | •              |   |  |  |  |  |  |
| X the text is approved as submitted by the applicant.  |  |                |   |  |  |  |  |  |
| the text has been establis   | the text has been established by this Authority to read as follows:          |                |   |  |  |  |  |  |
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| 5. With regard to the abstract,  |  |                |   |  |  |  |  |  |
| X the text is approved as su   | •                                      | la Arrila anti | handik anangan in Day Ala Mi Wasan in   |  |  |  |  |  |
|  |  |                | ty as it appears in Box No. IV. The applicant ch report, submit comments to this Authority. |  |  |  |  |  |
| 6. With regard to the drawings,  | •  |                |   |  |  |  |  |  |
| a. the figure of the <b>drawings</b> to be p   | ublished with the abstract is Figure   | No1_           |   |  |  |  |  |  |
| X as suggested by t  |  |                |   |  |  |  |  |  |
| as selected by thi   | s Authority, because the applicant for                                       | ailed to sug   | gest a figure.  |  |  |  |  |  |
| as selected by thi   | s Authority, because this figure bett  | er characte    | rizes the invention.  |  |  |  |  |  |
| b. none of the figures is to be  | e published with the abstract.   |                |   |  |  |  |  |  |

#### INTERNATIONAL SEARCH REPORT

International Application No PCT/JP2004/016507

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 H01L33/00 H01L27/15

According to International Patent Classification (IPC) or to both national classification and IPC

#### B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC 7 H01L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

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| X Further documents are listed in the continuation of box C.  | Patent family members are listed in annex.  |
|---|---|
| Special categories of cited documents:  'A' document defining the general state of the art which is not considered to be of particular relevance  'E' earlier document but published on or after the international filing date  'L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)  'O' document referring to an oral disclosure, use, exhibition or other means  'P' document published prior to the international filing date but later than the priority date claimed | <ul> <li>'T' later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</li> <li>'X' document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</li> <li>'Y' document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.</li> <li>'&amp;' document member of the same patent family</li> </ul> |
| Date of the actual completion of the international search  26 July 2005   | Date of mailing of the international search report 03/08/2005   |
| Name and mailing address of the ISA  European Patent Office, P.B. 5818 Patentlaan 2  NL - 2280 HV Rijswijk  Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  Fax: (+31-70) 340-3016  | Authorized officer  Krause, J   |

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## INTERNATIONAL SEARCH REPORT

International Application No
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